

Docket No.: 8736.110.00
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
HA, Sam Chul

Customer No.: 30827

Application No.: 10/594,617

Confirmation No.: 4874

Filed: September 28, 2006

Art Unit: Not Yet Assigned

For: DATA RECEIVING METHOD AND
TRANSFERRING METHOD FOR DATA LINK
LAYER

Examiner: Not Yet Assigned

MS Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C.
371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

Dear Sirs:

In response to the Notification Of Missing Requirements Under 35 U.S.C. 371 In The
United States Designated/Elected Office (DO/EO/US) mailed May 18, 2007, Applicants
respectfully submits:

- Copy of Notification of Missing Requirements Under 35 U.S.C. 371 In The
United States Designated/Elected Office (DO/EO/US);
- Petition for Extension of Time
- Executed Declaration
- Assignment Cover Sheet
- Executed Assignment
- Claim for Priority

- Copy of 371 Transmittal indicating Search Fee Payment
- Copy of Check No. 2147
- Check in the amount of \$1,680.

The Notification of Missing Requirement indicates that the search fee has not been paid. However, as shown in the attached transmittal letter, the search fee of \$500.00 has been paid with check # 2147. Accordingly, Applicants believe that no search fees are due. However, in the event that the PTO believes that the search fee is due, please charge the Deposit Account No. 50-0911.

In light of the foregoing, this application is deemed to be in proper condition for examination and such favorable action is earnestly solicited.

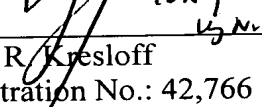
If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

Dated: September 18, 2007

09/19/2007 GFREY1 00000106 10594617

01 FC:1617	130.00 OP
02 FC:1614	200.00 OP
03 FC:1615	500.00 OP
04 FC:1616	360.00 OP

Respectfully submitted,

By  Yong can
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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/594,617	Sam Chul Ha	8736.110.00

INTERNATIONAL APPLICATION NO.

PCT/KR05/00944

I.A. FILING DATE	PRIORITY DATE
03/31/2005	03/31/2004

30827
 MCKENNA LONG & ALDRIDGE LLP
 1900 K STREET, NW
 WASHINGTON, DC 20006

CONFIRMATION NO. 4874

371 FORMALITIES LETTER



OC000000023941113

Date Mailed: 05/18/2007

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 09/28/2006
- Copy of the International Search Report filed on 09/28/2006
- Preliminary Amendments filed on 09/28/2006
- Information Disclosure Statements filed on 09/28/2006
- U.S. Basic National Fees filed on 09/28/2006
- Priority Documents filed on 09/28/2006
- Specification filed on 09/28/2006
- Claims filed on 09/28/2006
- Abstracts filed on 09/28/2006
- Drawings filed on 09/28/2006

Pl 7-18-07 / formal 10-18-07

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of **\$1060** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$1590** for a Large Entity:

- **\$130 Surcharge.**
 - The application search fee has not been paid. Applicant must submit **\$400** to complete the search fee. Note a surcharge will be required if submitted later than commencement of the national stage (37 CFR 1.492(h)) and the basic national fee was not paid before July 1, 2005.
- Total additional claim fee(s) for this application is **\$ 1060**
 - **\$200** for 1 independent claims over 3.
 - **\$500** for 10 total claims over 20.
 - **\$360** for multiple dependent claim surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

PAULETTE R KIDWELL

Telephone: (703) 308-9140 EXT 216


PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/594,617	PCT/KR05/00944	8736.110.00

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.V. 371		ATTORNEY'S DOCKET NUMBER 8736.110.00
INTERNATIONAL APPLICATION NO. PCT/KR2005/000944		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) TBA
INTERNATIONAL FILING DATE March 31, 2005		PRIORITY DATE CLAIMED March 31, 2004
TITLE OF INVENTION DATA RECEIVING METHOD AND TRANSFERRING METHOD FOR DATA LINK LAYER		
APPLICANT(S) FOR DO/EO/US Sam Chul HA, Seung-Myun BAEK, Koon-Seok LEE and Yong-Tae KIM		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> An substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFT 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 25 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: PCT International Search Report, PCT Written Opinion, PCT/IB/304		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) PCT/KR2005/000944		INTERNATIONAL APPLICATION NO. March 31, 2005		ATTORNEY'S DOCKET NUMBER 8736.110.00	
21. The following fees are submitted:					
<input checked="" type="checkbox"/> a) Basic national fee \$300.00				\$300.00	
<input checked="" type="checkbox"/> b) Examination fee \$200.00				\$200.00	
<input checked="" type="checkbox"/> c) Search fee \$500.00				\$500.00	
TOTAL OF ABOVE CALCULATIONS =				\$1000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	=		x \$250.00	\$	
Surcharge of \$140.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total Claims	47 - 20 =	27	x \$50.00	\$	
Independent claims	4 - 3 =	1	x \$200.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$1000.00	
<input type="checkbox"/> Applicant CLAIMS SMALL ENTITY STATUS. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$1000.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$1000.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$
TOTAL FEES ENCLOSED =				\$1000.00	
				Amount to be refunded:	\$
				Amount to be charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ 1000.00 to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. <u>50-0911</u> in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
McKenna Long & Aldridge LLP 1900 K Street, NW Washington, DC 20006 (202) 496-7500 Telephone (202) 496-7756 Facsimile			 SIGNATURE Mark R. Kresloff NAME 42,766 REGISTRATION NUMBER		

<i>Effective on 12/08/2004</i> <i>Fee pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</i> <h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">FOR FY 2007</h3>		Complete if Known	
		Application Number	10/594,617
		Filing Date	September 28, 2006
		First Named Inventor	HA, Sam Chul
		Examiner Name	Not Yet Assigned
		Art Unit	Not Yet Assigned
		Attorney Docket No.	8736.110.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
TOTAL AMOUNT OF PAYMENT	(\$1,680.00)		

METHOD OF PAYMENT (check all that apply)

- ☒ Check
 ☐ Credit Card
 ☐ Money Order
 ☐ None
 ☐ Other (please identify): _____
- ☐ Deposit Account
 ☒ Deposit Account Number **50-0911**
 ☐ Deposit Account Name: _____
- For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- ☐ Charge fee(s) indicated below
 ☐ Charge fee(s) indicated below, except for the filing fee
- ☒ Charge any additional fee(s) or underpayments of fee(s)
 ☒ Credit any overpayments
- under 37 CFR 1.16 and 1.17

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
30	- 20 or HP = 10	x \$50.00	= \$500.00			
HP = highest number of total claims paid for, if greater than 20						
					\$360.00	\$360.00

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
4	- 3 or HP = 1	x \$200.00	= \$200.00

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41 (a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee(\$)	Fee Paid (\$)
_____	- 100 = _____	/ 50 = _____ (round up to a whole number) x _____		

4. OTHER FEE(S)

Other: Surcharge (Late Declaration)	\$130.00
Other: Petition for Extension of Time	\$450.00
Other: Recordation of Assignment	\$40.00

SUBMITTED BY		
Signature	 Mark R. Kresloff	Registration No. (Attorney/Agent) 42,766
Name (Print/Type)	Mark R. Kresloff	Telephone Date: September 18, 2007

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. DC:50500256.1

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

MCKENNA LONG & ALDRIDGE LLP

303 PEACHTREE STREET, SUITE 5300

ATLANTA, GA 30308

PH. (404) 527-4000

2147

PAY
TO THE
ORDER OF

COMMISSIONER OF PATENTS & TRADEMARKS

DATE

9.28.06

64-10-810

\$ 1000 ⁰⁰/₁₀₀

One thousand and 00/100 —

DOLLARS



Security Features
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VOID AFTER 180 DAYS



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ACH RT 081000104

FOR

8736.110.50



[Signature]

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